

Victor Braunig Plant Dam and Victor Braunig Lake

OWNER

City Public Service Board of San Antonio.

ENGINEER (Design)

Brown and Root, Inc.

LOCATION

On Arroyo Seco in Bexar County, 15 miles southeast of San Antonio.

DRAINAGE AREA

9.4 square miles. Runoff is supplemented by water pumped from the San Antonio River.

DAM

|           |           |
|-----------|-----------|
| Type      | Earthfill |
| Length    | 9,647 ft  |
| Height    | 80 ft     |
| Top width | 18 ft     |

SPILLWAY

|                 |                                   |
|-----------------|-----------------------------------|
| Type            | Concrete ogee section             |
| Length (net)    | 66 ft                             |
| Control         | 2 tainter gates, each 33 by 14 ft |
| Crest elevation | 493.0 ft above msl                |

OUTLET WORKS

None. Water is pumped from the lake and returned at a distant point for circulation and cooling.

POWER FEATURES

Present construction has 3 units with total capacity of 836,365 kw.  
Ultimate is 4 units with total capacity of 1,215,000 kw.

STATE AUTHORIZATION

Permit No. 1990 (Application No. 2189) August 21, 1961, authorizes construction of a dam to impound 26,500 acre-feet of water with annual use of 12,000 acre-feet for thermal-electric power development. This annual use consists of runoff of Arroyo Seco and water pumped from the San Antonio River.

RESERVOIR DATA

|          |   |
|----------|---|
| Capacity | 26,500 acre-feet at normal elevation 507.0 ft above msl |
| Area     | 1,350 acres at normal elevation 507.0 ft above msl      |

GENERAL

|                                  |                           |
|----------------------------------|---------------------------|
| Construction started             | June 6, 1961              |
| Dam completed                    | December 1962             |
| Impoundment of water began       | December 1962             |
| First generating unit in service | April 1966                |
| General contractor               | Killian and House Company |
| Estimated cost of dam            | \$4,700,000               |

